

GUANGYANG SECONDARY SCHOOL
2023 Semester Plan
Sec 1 – Design & Technology

Term 1	Content	Remarks
Week 1 3/1 – 6/1	Sec 1 School Orientation	2- NYD
Week 2 9/1 – 13/1	<ul style="list-style-type: none"> Briefing on Logistics and Expectations Introduction of D&T and Project [Journal] Design Situation and Design Brief [Journal] Research 1: Survey on Favorite Candy & Preference of Users 	
Week 3 16/1 – 20/1	<ul style="list-style-type: none"> [Journal] Research 2: Research on Existing Candy Dispensers (PMI) [Journal] Design Specifications [Journal] Base & Front Cover: ACT 1A - Ideation (Sketching Practice on Lines & Circles) 1/2 	
Week 4 23/1 – 27/1	<ul style="list-style-type: none"> [Journal] Base & Front Cover: ACT 1A - Ideation (Sketching Practice on Lines & Circles) 2/2 [Journal] Base: ACT 1B - 3D Visualization (Sketching Practice on Crates & Combination of 2 Crates) [Practical] Making of Top Cover 1/2 (Workshop Safety) 	23,24 - CNY
Week 5 30/1 – 3/2	<ul style="list-style-type: none"> [Journal] Base: ACT 1C - Development [Practical] Making of Top Cover 2/2 	
Week 6 6/2 – 10/2	<ul style="list-style-type: none"> [Journal] Front Cover: ACT 2A - 3D Visualization [Practical] Making of Base 1/2 	
Week 7 13/2 – 17/2	<ul style="list-style-type: none"> [Journal] Front Cover: ACT 2B - Development [Practical] Making of Base 2/2 	
Week 8 20/2 – 24/2	<ul style="list-style-type: none"> [Journal] Research 3: Research on Human Hand (Introduction of Mechanisms) <i>e-Ped</i> [Journal] Knob: ACT 3 – Ideation and 3D Visualization (Sketching Practice on Cylinders) 	
Week 9 27/2 – 3/3	<ul style="list-style-type: none"> Written Assessment 1 [Practical] Making of Front Cover 1/2 	
Week 10 6/3 – 10/3	School Enrichment Activities (WEALTH Week)	
Term 2	Content	
Week 1 20/3 – 24/3	<ul style="list-style-type: none"> [Practical] Laser Engraving Design for Back Cover <i>e-Ped</i> [Journal] Mock-up of Knob, Cam & Middle Structure 1/2 	
Week 2 27/3 – 31/3	[Journal] Mock-up of Knob, Cam & Middle Structure 2/2	
Week 3 3/4 – 7/4	<ul style="list-style-type: none"> [Practical] Making of Front Cover 2/2 [Practical] Making of Middle Structure 	7 – Gd Fri

Week 4 10/4 – 14/4	<ul style="list-style-type: none"> • [Practical] Making of Knob • [Practical] Assembly of Front Cover, Middle Structure and Back Cover with Cam and Knob 	
Week 5 17/4 – 21/4	[Practical] Assembly of Base with Rest of Candy Dispenser	
Week 6 24/4 – 28/4	[Journal] Candy Dispenser: ACT 4A - Presentation Drawing	
Week 7 1/5 – 5/5	<ul style="list-style-type: none"> • [Journal] Candy Dispenser: ACT 4B – Evaluation • Revision for Written Assessment 2 1/2 	1- Labour Day
Week 8 8/5 – 12/5	<ul style="list-style-type: none"> • Revision for Written Assessment 2 2/2 • Written Assessment 2 	
Week 9 15/5 – 19/5	Review of Written Assessment 2	
Week 10 22/5 – 26/5	Summary of Sec 1 and What's to come in Sec 2	Sec. 1-3 PTM

Assessment

	Components	Weighting
WA1	Weighted Assessment 1* - Design Model ; Ideation ; Research	10%
WA2	Weighted Assessment 2* - Mechanisms ; Ergonomics and Anthropometry	10%
MYE	- Design Journal - Prototype	80%

*Please note that the topics might be subject to minor changes. Students will be updated accordingly.